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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/655,387	04/06/2004	Peter V. Radatti	45-03	7299

7590

02/02/2005

Mr. Peter V. Radatti  
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EXAMINER

PYZOCHA, MICHAEL J

ART UNIT

PAPER NUMBER

2137

DATE MAILED: 02/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/655,387	RADATTI, PETER V.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Michael Pyzocha	2137	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 April 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                                                             |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                                                 | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                                        | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>09032003</u> | 6) <input type="checkbox"/> Other: _____                                                |

**DETAILED ACTION**

1. Claims 1-36 are pending.

***Specification***

2. The disclosure is objected to because of the following informalities: paragraph [001] the "xx/xx/xx" should read "02/03/1999".

Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-4, 6-11, 18-19, 21-25, 34, 36 are rejected under 35 U.S.C. 102(e) as being anticipated by Tso et al (US 6088803).

As per claims 1, 3, 9, 11, 18, 34, and 36, Tso et al discloses an apparatus and method including a protocol parser; a protocol scanner; and, a proscribed code scanner comprised of a

Art Unit: 2137

scanning means and an indicator whereby said protocol parser intercepts instant messaging or peer-to-peer code on a communications channel and transmits said code to said proscribed code scanner through said protocol scanner (see column 6 lines 10-24 where the parser of Tso et al performs the functions of both the protocol parser and protocol scanner).

As per claims 2 and 19, Tso et al discloses a translation means whereby said translation means translates said code to authorized program parameters (see column 6 lines 10-24).

As per claim 4, 6, 23, Tso et al discloses the proscribed code scanner further comprises a scanning means and an indicator means and provide an indication of the presence is scanning finds proscribed code (see column 3 lines 39-54).

As per claims 7 and 25, Tso et al discloses the proscribed code scanner comprises a malicious code scanner (see column 3 lines 39-54).

As per claims 8, 10, and 24, Tso et al discloses the protocol parser further comprises a configuration means for configuring interception parameters (see column 6 lines 10-24).

As per claims 21-22, Tso et al discloses returning said code to a communication channel if said indicator is negative (see column 3 lines 55-65).

Art Unit: 2137

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 5, 12, 15-17, 20, 26-29, 32-33, 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tso et al as applied to claims 1 and 18 above, and further in view of Johnson (US 5682428).

As per claims 12, 17, 26, and 35, Tso et al fails to disclose decrypting the code.

However, Johnson discloses decrypting data (see column 27 lines 23-56).

At the time of the invention it would have been obvious to a person of ordinary skill in the art to use Johnson's method of decryption in Tso et al's system of code scanning.

Motivation to do so would have been to be able to reference and manipulate previously encrypted data (see Johnson column 27 lines 23-56).

Art Unit: 2137

As per claims 5 and 20, the modified Tso et al and Johnson system discloses a certification means (see Johnson column 24 line 52 through column 25 line 8).

As per claims 15-16, 27-29, and 32, the modified Tso et al and Johnson system discloses encrypting the code if the indication of a prescribed code is negative (see Johnson column 27 lines 23-56).

As per claim 33, the modified Tso et al and Johnson system discloses a separate system inserted in said communications channel, and with at least one of said steps of intercepting said code; decrypting said code; scanning said code for the presence of proscribed code, and providing an indicator for the presence of said proscribed code, occurring on said separate machine (see Tso et al and Johnson as applied to previous claims).

7. Claims 13-14 and 30-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over the modified Tso et al and Johnson system as applied to claims 12 and 26 above, and further in view of Elgamal et al (US 6389534).

As per claims 13-14 and 30-31, the modified Tso et al and Johnson system fails to disclose the use of SSL or S/MIME encryption.

However, Elgamal et al discloses the use of these encryption techniques (see column 4 lines 15-29).

At the time of the invention it would have been obvious to a person of ordinary skill in the art to use Elgamal et al's methods of encryption to perform the encryption of the modified Tso et al and Johnson system.

Motivation to do so would have been to allow for the encryption suitable for each market (see Elgamal et al column 4 lines 15-29).

#### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hypponen et al (US 6577920 B1) discloses a method for virus scanning with a parser, Horstmann (US 6009525 A) discloses a method of decryption and re-encryption, Schneider et al (US 6178505 B1) discloses a secure document delivery system with decryption and re-encryption, Nemovicher (US 20020007453 A1) discloses a virus scanner which decrypts and re-encrypts email, and Ko (US 6697950 B1) discloses a parsing virus scanner.

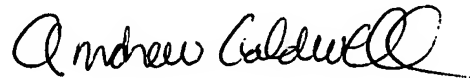
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Pyzocha whose telephone number is (571) 272-3875. The examiner

Art Unit: 2137

can normally be reached on 7:00am - 4:30pm first Fridays of the bi-week off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on (571) 272-3868. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



MJP

**ANDREW CALDWELL**  
**SUPERVISORY PATENT EXAMINER**